

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are available by contacting the ESSHQ Procedures Coordinator, Bldg. 911A*

C-A OPERATIONS PROCEDURES MANUAL

15.9.3 Checklist for Using 150 mCi Cs-137 Source

(Instrumentation Group Procedure C-A-INT-003)

Note: This document was formerly a C-A Group Procedure. The content of the group procedure was reviewed by the Technical Supervisor. All approvals and/or issue dates of the original group procedure are maintained for present use.

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Approved: Signature on File
Collider-Accelerator Department Chairman Date

T. Curcio

Instrumentation Group Procedure C-A-INT-003
Original Issue Date: 01/10/02
Revision 02

CHECKLIST FOR USING 150mci Cs137 SOURCE
S/N 343

* This checklist procedure is to be used by Authorized Source Operators Only *

- 1) Upon entering the Calibration Pit the following must be observed:
 - a) The proper postings are in place.
 - b) The door is secured.
 - c) The Source Exposed light is on and operational.
- 2) Verify that the source leak check is up to date.
- 3) Verify that the shielding (lead bricks) is in place and intact.
- 4) Position the device to be calibrated.
- 5) Unlock the source storage box and remove the lead plate facing the device to be calibrated.
- 6) Unlock the source.
- 7) Raise the plunger and secure to expose the source.
- 8) Lower the plunger when completed.
- 9) Raise and lower the plunger as needed during calibration.
- 10) When completed the following must be done:
 - a) Lock the source
 - b) Replace the lead plate
 - c) Lock the source storage box

AUTHORIZED SOURCE OPERATORS

NAME (PRINT)	NAME (SIGNATURE)	LIFE NUMBER